



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 15, 2001

PTAS



101744401A

BEYER WEAVER & THOMAS, LLP
STEVE D. BEYER
PO BOX 778
BERKELEY, CA 94704-0778

RECEIVED

JAN 15 2003

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

Technology Center 2100

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/04/2001

REEL/FRAME: 011856/0677
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
ZENG, CHAOHUANG

DOC DATE: 05/22/2001

ASSIGNOR:
ALDANA, CARLOS

DOC DATE: 05/22/2001

ASSIGNOR:
SALVEKAR, ATUL

DOC DATE: 05/24/2001

ASSIGNOR:
CIOFFI, JOHN M.

DOC DATE: 05/22/2001

ASSIGNEE:
BOARD OF TRUSTEES OF THE LELAND
STANFORD JUNIOR UNIVERSITY, THE
900 WELCH ROAD, SUITE 350
OFFICE OF TECHNOLOGY LICENSING
PALO ALTO, CALIFORNIA 94304-1850

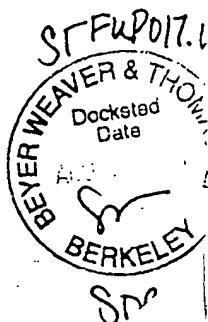
SERIAL NUMBER: 09788267
PATENT NUMBER:

FILING DATE: 02/16/2001
ISSUE DATE:

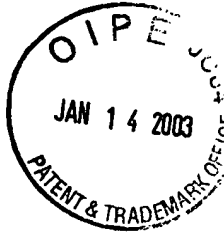
RECEIVED

JAN 17 2003

Technology Center 2600



011856/0677 PAGE 2



PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECEIVED

JAN 15 2003

Technology Center 2100

RECEIVED

JAN 17 2003

Technology Center 2600

#9

PATENT

B-D,

4-23-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Zeng et al.	Examiner:	unassigned
Serial No.:	09/788,267	Group Art Unit:	2151
Filed:	February 16, 2001	Docket No.:	New: STFD.058PA Old: STFUP017
Title:	CROSSTALK IDENTIFICATION IN XDSL SYSTEMS		

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the papers, as described herein, is being deposited with the United States Postal Service as First Class Mail on the date indicated below and is addressed to: Assistant Commissioner of Patents, Washington, DC 20231 on January 1, 2003.

By: Bridget M. Hayden
Bridget M. Hayden

REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please revoke any existing Powers of Attorney, if any, and appoint the following attorneys and/or patent agents to prosecute this application and to transact all business in the U.S.

Patent and Trademark Office in connection therewith:

Robert J. Crawford, Reg. No. 32,122
LeRoy D. Maunu Reg. No. 35,274
and other attorneys of Crawford Maunu PLLC

RECEIVED
JAN 17 2003
Technology Center 2600

Certificate Under 37 C.F.R. § 3.73(b)

The Board of Trustees of the Leland Stanford Junior University, an entity organized and existing under the laws of the State of California, having a place of business at 1705 El Camino Real, Palo Alto, California 94306, certifies that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of an assignment recorded at Reel 011856, Frame 0677, (copy attached) from the inventors of the patent application identified above.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is empowered to sign this statement on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Please direct all correspondence in this application to:

Robert J. Crawford
CRAWFORD MAUNU PLLC
1270 Northland Drive, Suite 390
St. Paul, MN 55120

Date: 12/30/02

By: Katharine Ku

Katharine Ku

Title: Director of Office of Technology

and Licensing, Stanford University